

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2811869
<b>Application Number:</b>	10789387
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4947
<b>Title of Invention:</b>	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
<b>First Named Inventor/Applicant Name:</b>	Lei Shao
<b>Customer Number:</b>	45209
<b>Filer:</b>	Paul Mendonsa/Michelle Evans
<b>Filer Authorized By:</b>	Paul Mendonsa
<b>Attorney Docket Number:</b>	042390.P16330
<b>Receipt Date:</b>	04-FEB-2008
<b>Filing Date:</b>	26-FEB-2004
<b>Time Stamp:</b>	18:30:28
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	11453
Deposit Account	022666
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

# File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	42P16330_IDS_02-04-08.pdf	419037 416aeffaf31f11235743b2273c8fbcc030 9d5c3	no	3
<b>Warnings:</b>					
<b>Information:</b>					
This is not an USPTO supplied IDS fillable form					
2	Foreign Reference	WO2004077734.pdf	1437262 0348a19c184c7c3476c480c105c79d e787fbb1	no	34
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	P16330X_Boleskei.pdf	978618 271183281a56963bca7791f9f9e201d04 3a86367	no	6
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	P16330X_Guillaud.pdf	492860 133ad3218633cd7997c8abcb74c74aa c9e955c5	no	4
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	P16330X_Lihua.pdf	644650 309f893a6e6e5ef6fa2b11b89c73b7 e05292	no	5
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	P16330X_Shao.pdf	700964 3a016a9b264e8a9a3a203ce2683c0a18 307a078	no	5
<b>Warnings:</b>					
<b>Information:</b>					
7	Fee Worksheet (PTO-05)	fee-info.pdf	8209 75d94c14f7f71c0b5d6799b1476a16 6e0a039	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			4681600		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.